

Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised March 25, 1999

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. <b>30-045-25173</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: <b>Gallegos Canyon Unit</b> (Federal Well I-149-IND-8470 also filed on BLM Form 3160-3)
8. Well No. <b>193E</b>
9. Pool name or Wildcat <b>Basin Dakota &amp; Basin Fruitland Coal</b>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5730'</b>

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
 Oil Well  Gas Well  Other

2. Name of Operator  
**Amoco Production Company** Attn: **Mary Corley**

3. Address of Operator  
**P.O. Box 3092 Houston, TX 77253**

4. Well Location  
 Unit Letter **M** **830** feet from the **South** line and **970** feet from the **West** line  
 Section **30** Township **28N** Range **12W** NMPM **San Juan** County

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <b>Complete Fruitland Coal &amp; Downhole Commingle</b> <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Amoco Production Company request permission to complete the subject well into the Basin Fruitland Coal and commingle production downhole with the existing Basin Dakota Pool as per the attached procedure. The Basin Dakota (71599) & the Basin Fruitland Coal (71629) Pools are Pre-Approved for Downhole Commingling per NMOCD *R11567* ~~Order R-11566~~. Although the interest owners are not identical between these two Pools, NMOCD CASE NO. 12520, ORDER NO. R-11567 effective 04/26/2001, established approval for subsequent applications for the downhole commingling of production in wellbores within the Gallegos Canyon Unit without notice to the unit interest owners, therefore, additional notification is required prior to downhole commingling approval

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Dakota. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Fruitland Coal. Attached is the future production decline estimates for the Dakota. Commingling Production Downhole in the subject well from the proposed pools with not reduce the value of the total remaining production.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Mary Corley* TITLE Sr. Regulatory Analyst DATE 05/07/2001  
 Type or print name Mary Corley Telephone No. 281-366-4491

(This space for State use)  
 APPROVED BY Original Signed by STEVEN N. HAYDEN TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #8 DATE MAY - 9 2001  
 Conditions of approval, if any:

*DHC 393AZ*  
*X*

**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240  
**DISTRICT II**  
311 South First., Artesia, NM 88210  
**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
**DISTRICT IV**  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department  
**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, New Mexico 87505

**Form C-102**  
**Revised October 18, 1994**  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-045-25173	Pool Code 71599 & 71629	Pool Name Basin Dakota & Basin Fruitland Coal
Property Code 000570	Property Name Gallegos Canyon Unit	Well Number 193E
OGRID No 000773	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5730'

**Surface Location**

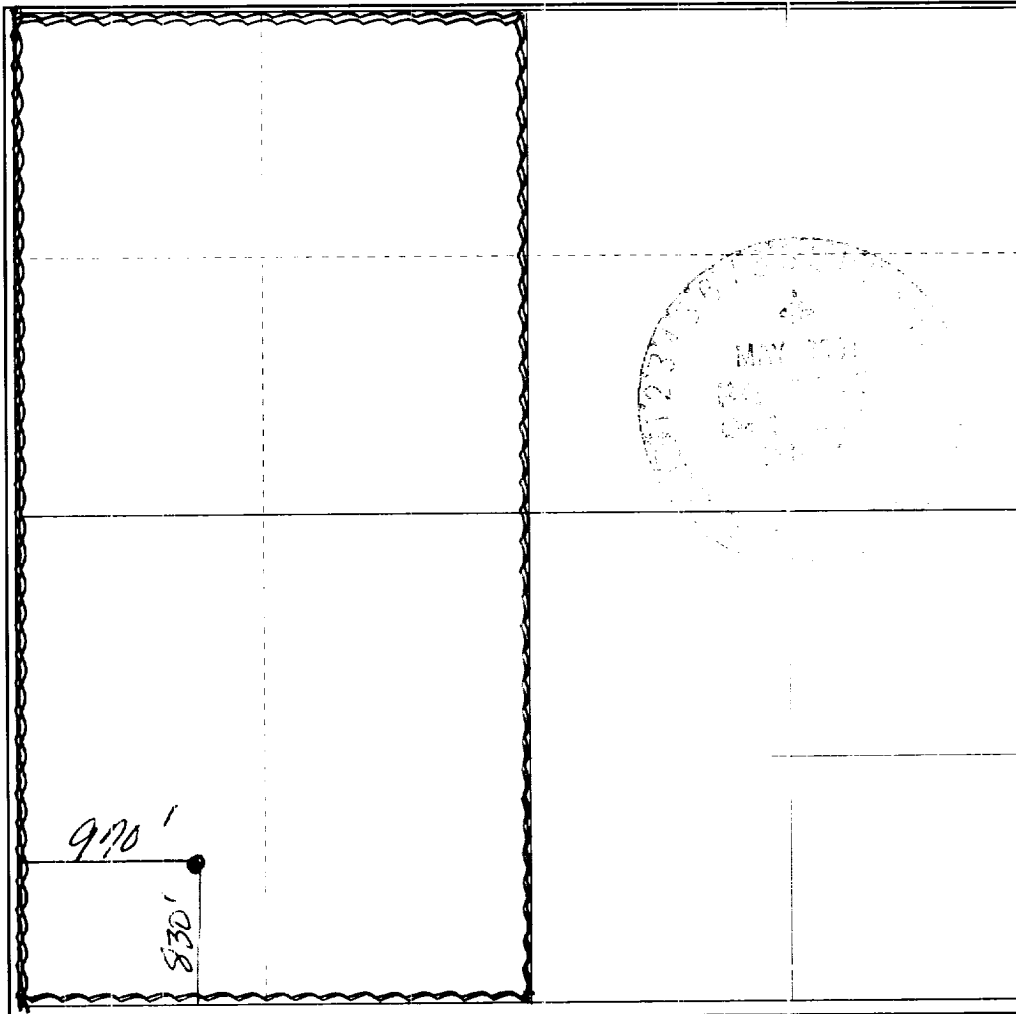
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT M	30	28N	12W		830'	SOUTH	970'	WEST	San Juan

**Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County

Dedicated Acreage: 304.60	Joint or Infill	Consolidation Code	Order No.
------------------------------	-----------------	--------------------	-----------

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**



<b>OPERATOR CERTIFICATION</b>	
<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
Signature	<i>Mary Corley</i>
Printed Name	Mary Corley
Position	Sr. Regulatory Analyst
Date	05/02/2001
<b>SURVEY CERTIFICATION</b>	
<i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</i>	
12-06-1980	
Date of Survey	
Signature & Seal of Professional Surveyor	
Fred B Kerr Jr.	
Certificate No.	3950

## Gallegos Canyon Unit #193E Well Work Procedure

---

### Objective:

Recomplete in Fruitland Coal and downhole commingle with Dakota.

**Note: Prior to scheduling rig, confirm that surface facility modifications have been initiated.**

1. Check anchors. MIRU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary with 2% KCL water.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. Tag for fill. Tally out of hole with tubing. Visually inspect. Replace tubing as required.
6. RIH with bit and scraper. Clean out to PBTD as necessary.
7. Set CIBP via tubing at approximately 5800'. Load hole with 2%KCL and pressure test to 500#.
8. Run CBL/GR/CCL across Fruitland Coal interval to verify zonal isolation. (Note:DV tool at 4275') Fax results to John Papageorge @ 281-366-7099.
9. Set RBP approximately 150' below bottom of proposed perforations and pressure test.
10. Perforate the following interval with 4JSPF, 120 deg. phasing: **FRLD 1326-1328', 1334-1338, 1362-1378'**.
11. RU frac equipment and install WH isolation tool. Fracture stimulate down casing according to schedule 'A'.
12. Flow back frac load until well dies.
13. RIH with bit and tubing. Clean out fill. Pull RBP and drill out CIBP to commingle with Dakota.
14. TIH with 2 3/8" tbg, rods, and pump. Land 1 joint below Dakota perms if possible.
15. RDMO. Hook up to pumping unit and well head compressor.
16. Pump to recover load and test.

# GCU #193E

## Wellbore Diagram

830' FSL x 970' FWL  
Sec. 30, T28N, R12W  
San Juan Co., NM

